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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: ROLION Confirmation No.: 5549  
Serial No.: 10/803,463 Art Unit: 3751  
Filed: March 18, 2004 Examiner: not yet assigned  
For: HAND-HELD DEVICE FOR APPLYING A FILM OF  
ADHESIVE, COVERING OR  
COLORED MATERIAL  
ONTO A SUBSTRATE Attorney Docket No: 11349-20

**SUBMISSION OF CERTIFIED PRIORITY DOCUMENT**

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Sir:

Applicant submits herewith a certified copy of European Patent Application No. 01122365.8 to perfect applicant's foreign-priority claim in the above-captioned application. It is requested that this submission be made of record in this file, and that the Examiner acknowledge receipt of this certified priority document.

No fee is believed to be due with this submission; however should any fee be required, please charge such fee to Jones Day Deposit Account No. 503013.

Respectfully submitted,

Date: July 28, 2004

  
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Enclosures

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Die angehefteten Unterlagen stimmen mit der ursprünglich eingereichten Fassung der auf dem nächsten Blatt bezeichneten europäischen Patentanmeldung überein.

The attached documents are exact copies of the European patent application described on the following page, as originally filed.

Les documents fixés à cette attestation sont conformes à la version initialement déposée de la demande de brevet européen spécifiée à la page suivante.

**Patentanmeldung Nr.    Patent application No.    Demande de brevet n°**

01122365.8

Der Präsident des Europäischen Patentamts:  
Im Auftrag

For the President of the European Patent Office

Le Président de l'Office européen des brevets  
p.o.



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Application no.: 01122365.8  
Demande no:

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Anmelder/Applicant(s)/Demandeur(s):

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Bezeichnung der Erfindung/Title of the invention/Titre de l'invention:  
(Falls die Bezeichnung der Erfindung nicht angegeben ist, siehe Beschreibung.  
If no title is shown please refer to the description.  
Si aucun titre n'est indiqué se référer à la description.)

A hand-held device for applying a film of adhesive, covering or coloured material  
onto a substrate

In Anspruch genommene Priorität(en) / Priority(ies) claimed / Priorité(s)  
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5                   **A hand-held device for applying a film of adhesive,  
                  covering or coloured material onto a substrate**

10                  The invention relates to a hand-held device according to the preamble of claim 1.

15                  A hand-held device of this type is described in publication EP 0 719 723 B1. In this  
previously known hand-held device, a longish application member is supported to be  
pivotal around its longitudinal axis and is centred in the middle by spring forces with  
respect to pivotal movements opposing each other. Thereby, the application member can  
20                  adapt to the substrate by means of rotation in case that it is placed on the substrate in an  
oblique fashion; in the absence of pressure it turns automatically into its rotational central  
position due to the present restoring elastic force. In addition, the application member  
comprises in its longitudinal portion exceeding the housing of the hand-held device guiding  
webs protruding upwards and downwards at both sides, between which a backing tape  
25                  carrying the film is guided. In front of the guiding webs, the application member has a  
cross-sectional reduction on both sides in the form of lateral recesses. The purpose of said  
cross-sectional reduction is not described.

30                  A hand-held device of the type indicated at the beginning can also be derived from  
reference DE 3 638 722 A, whose longish application member comprises a cross-  
sectional reduction in the form of the body of a wasp in addition to its elastically  
yielding arrangement. Thereby, the front portion of the application member is  
elastically bendable in a transverse direction and suspended in a pendulous fashion.

35                  What can be derived from reference EP 0 313 719 B1 is a hand-held device whose  
application member is movable upwards from a lower starting position against an elastic  
spring force against a stop at the housing. Thereby, the application member is resilient  
to the top by the pressure effective in this case when the application member is placed  
onto the substrate, and it is spring-mounted against sudden overload.

It is an object of the invention to improve a hand-held device of the type indicated at  
the beginning with respect to how its movement is carried out and/or to design a hand-  
held device such that it can be manufactured easily and inexpensively. In doing so, a  
small construction is supposed to be ensured as well. Moreover, the arrangement and

mounting of the application member in the housing is supposed to be improved and/or simplified.

5 This object is solved by the features of claim 1. Advantageous further developments of the invention are described in the sub-claims.

10 In the hand-held device as claimed in the invention, stops acting together are provided at the front and rear portions of the application member, said stops bordering the relative movement of the front portion during the mode of operation. Thereby, several advantages are achieved. For one, the application member is stabilised by the stops, since the bending stress is reduced when the stop is reached. This is due to the fact that, when the stop is reached, the stops arranged at a, for instance, transverse distance from the centre of the bending range of the application member reduce the moments of force effective in the bending range. This can be explained such that bending stresses are effective in the bending range before the stop is reached, while it is primarily tensile stresses that are effective in the bending range when the stop has been reached. Due to the distance of the stops from the centre of the bending range, there are reduced stresses in the bending range when the stop has been reached because of the lever principle. In addition, it is possible to manufacture parts of simple and small construction in the configuration according to the invention. This is due to the fact that the invention provides for both stops to be arranged at the application member, so that they can be mounted more easily and in particular as an integral part when manufacturing the application member. As a result thereof, special costs for the manufacture of the stops are not incurred.

25 It is possible within the framework of the invention to use the stops for limiting a bending movement and/or torsion movement of the front portion. In the former case, the stops are at an axial distance from each other directed towards the longitudinal direction of the application member in the ordinary original position of the front portion. In the latter case, said distance is directed towards the peripheral direction, so that the front portion can carry out a pivotal or torsion movement.

30 The restoring elastic force is generated by the fact that the application member is composed of an elastically deformable material at least in its bending and/or torsion range. As a result thereof, the elastic restoring force is generated during movement against the stops and is stored in the material, so that it moves the front portion back into its neutral original position after said front portion has been relieved.



Within the framework of the invention, the bending and/or torsion range between the rear and the front portions can be localised by a cross-sectional reduction, which can be provided at the upper side of the application member and/or on both sides or on all sides. By a reduction in cross-section, the bending or torsion moment of resistance in the range of deformation can for one be reduced and for the other be determined.

It is advantageous to provide the stops in the portion of the application member that exceeds over the housing, not only for reasons of construction but also for reasons of function. In this case, it is not only that the stops have a larger space available, wherein the housing can be designed to be small and easy-to-use, but there is also a smaller distance between the front end of the application member and the stops during the mode of operation. One result thereof is not only a reduction of the stresses in the application member produced by the movement of the front portion, but the dimension of movement resulting from a movement at the front end of the front portion is desirably small.

When upper and/or lower lateral guiding webs for a backing tape are present, it is particularly advantageous to provide the cross-sectional reduction in the area of the guiding webs. In this case, the guiding web portions can form the stops, without special stops having to be created. In a preferred embodiment, stops are mounted at the application member on top and on the sides, preferably in combination with a cross-sectional reduction. The cross-sectional reductions can be constituted by thin slots, for instance of a width of less than about 2 mm or especially of less than about 1 mm. In this embodiment, the transverse bending movement is small or negligible. The stops form support surfaces for a rotational movement, which favour the torsion movement.

In the following, preferred configurations of several exemplary embodiments shall be explained in more detail with the aid of drawings.

Fig. 1 is a side view of a hand-held device according to the invention for transferring and/or applying a film of, for example, adhesive, covering or coloured material from a backing tape onto a substrate;

Fig. 2 is an enlarged representation of the front end portion of the hand-held device;

Fig. 3 is a sectional view cut along line III-III in Fig. 2;

Fig. 4 is a perspective side view of a modified embodiment of an application member of the hand-held device;

Fig. 5 is a perspective side view of a further modified embodiment of an application member;

- 5 Fig. 6 is a perspective side view of a further modified embodiment of an application member;

Fig. 7 is a top view of a further modified embodiment of an application member.

- 10 The hand-held device 1 comprises a housing 2 of convenient size, which consists of two longitudinally or transversely divided housing parts 2a, 2b which can be mounted to each other in a detachable or non-detachable fashion. Fig. 1 shows the hand-held device 1 in its position of operation. The left-hand and lower end of the housing 2 or the hand-held device 1 in Fig. 1 is its working end 3 at which an application member 4  
15 is provided, which projects from the circumference of the housing 2 with an application gib 4a. The application gib 4a, extends in a wedge-shaped convergent fashion towards an application edge 4b, which can be rounded, if necessary. The application member 4 is associated with an application base 6, said application base 6 being mounted to the housing 2 in a  
20 detachable fashion in the exemplary embodiment.

- The hand-held device 1 serves for transferring a film F of covering and/or coloured and/or adhesive material from a film-like backing tape 7 onto a substrate 8, for instance, a sheet of paper. The backing tape 7 extends from a supply located in the  
25 cavity of the housing 2 towards the application member 4 in the area of at least one housing aperture 2c, is wound around its application edge 4b and is refed to the cavity of the housing 2 through the housing aperture 2c. The winding plane is referred to by E1. The backing tape section approaching the application gib 4a at the here lower longitudinal or approach side 11a of the application member 4 is identified by 7a. The  
30 backing tape section being refed into the housing 2 at the upper longitudinal or return side 11b of the application member 4 is identified by 7b. The winding plane E1 extends roughly in parallel and preferably mid-centrally to the broad sides 2d of the housing 2, which extend, for instance, in parallel to each other, the peripheral surface of the narrow side of the housing 2 being identified by 2e. The returning backing tape  
35 portion 7b extends towards a take-up device 12 mounted in the cavity of the housing 2, wherein said take-up device 12 can be a take-up spool 13 which is rotatably mounted in the housing 2. The supply 9, too, can be formed by a spool, namely a supply spool 14 which is rotatably mounted in the housing. In the exemplary embodiment, the supply 9

and the take-up device 12 are arranged behind one another, the take-up device 12 being disposed between the supply 9 and the working end 3 of the housing 2.

In the position of operation according to Fig. 1, the application member 4 abuts on the substrate 8 with its application edge 4b, wherein the central axis 4c of the application gib 4d encloses an acute angle  $W1$  with the substrate 8 extending, for instance to be straight, said angle ranging, for example, between approximately  $30^\circ$  to  $60^\circ$ . By moving the hand-held device 1 in the application direction identified by 15, the backing tape section 7a is peeled off the supply 9 due to the friction at the substrate 8; in doing so, the film F remains on the substrate surface, and the backing tape section 7b is moved into the cavity of the housing 2, here to the take-up device 12. The backing tape section 7b is driven by the backing tape section 7a approaching the application member 4 or its tensile force. In the present exemplary embodiment, this is effected by providing a swivel drive connection 16 between the supply spool 14 and the take-up spool 13, for instance in the form of overlapping rubbing surfaces 17a, 17b at the peripheral edges of the walls of the spool. The winding diameter of the spools 13, 14 is dimensioned to be large enough for the take-up spool 13 to attempt to pull in the backing tape 7, also in the event of a full supply spool 14, at a speed which is higher than the speed at which the backing tape 7 is wound off the supply spool 14. By a slip friction clutch 18 integrated in the swivel drive connection 16, which here is formed by the rubbing surfaces 17a, 17b which are in frictional contact with one another, it is ensured that the take-up spool 13 pulls in the backing tape 7 always at a certain tensile stress, whereby the formation of loops in the backing tape 7 is avoided. The application movement 15 is directed to the end of the housing 2 opposite the working end 3.

In the exemplary embodiment, the application gib 4a has a flat cross-sectional shape whose width a is a multiple of its thickness b, e.g. at a ratio of about 3:1 to 10:1, in particular about 6:1. Due to this cross-sectional shape, the application gib 4a has a relatively high horizontal moment of resistance and a relatively low vertical moment of resistance. As a result thereof, the application gib 4a tends to evade from the pressure force 19 arising during the mode of operation by bending upwards. In order to prevent this and to give guidance to the backing tape 7, lateral guiding webs 21 are provided at least on top of, preferably also at the bottom of, the application gib 4a, between which guiding webs the backing tape 7 is guided with freedom of play and which thus constitute a tape guidance 22. The guiding webs 21 can extend up to the front end of the application gib 4a. In the exemplary embodiment, the guiding webs 21 terminate towards the front at a distance c from the front end of the application gib 4a or its application edge 4b. As far as the back is concerned, the guiding webs 21 extend up to

the vicinity of the housing 2, which ends in a plane end surface 2e at the working end 3 in the area of the housing aperture 2c; the rear surfaces 21a of the guiding webs 21 extend approximately in parallel and at a small distance to said end surface 2e. In the area of the distance c, at which the application gib 4a exceeds over the guiding webs 21 to the front, the application gib 4a is elastically bendable in a vertical direction under the effect of the pressure force 19, and it is automatically bent back by the elastic restoring force generated when it is bent outwards, as soon as the pressure force 19 is ineffective. Thus, the application gib 4a is cushioned against hard pressure loads in its vertical plane.

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In order to ensure for the application gib 4a degrees of freedom 23a to 23d illustrated by double arrows in the figures, the application gib 4a has a cross-sectional reduction 20 in the form of a slot 24 extending at right angles to the central axis 4c, which reduces the cross-sectional size of the application gib 4a to a preferably mid-centrally arranged remaining cross-section 25 and thus diminishes the strength of the application gib 4a such that the portion 4e, which is in front with respect to the cross-sectional reduction, can carry out movements relative to the rear portion 4d.

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In the area of the cross-sectional reduction 20, the moment of resistance of the application gib 4a is reduced, whereby, due to the elasticity of the material of the application gib 4a prevailing in the area of the remaining cross-section 25, the front gib portion 4e is movable relative to the rear gib portion 4d from its normal rest position and automatically returns into its original position due to the elasticity of material in the range of the remaining cross-section 25 after relief. A cross-sectional reduction 20 on top and/or at the bottom affords swivelling of the front gib portion 4e relative to the rear gib portion 4d in a vertical direction. This first degree of freedom is identified by 23a. If the cross-sectional reduction 20 is at one or on both sides of the application gib 4a, the front gib portion 4e is laterally bendable with respect to the rear gib portion 4d in a horizontal direction against the prevailing elastic restoring force, see 23b. If the material reduction 20 is present on all sides, the front gib portion 4e is pivotal relative to the rear gib portion 4d both vertically and horizontally and is also torsional about the central axis 4c or the remaining cross-section 25, namely also against the elastic restoring force of the remaining cross-section 25, so that, in the absence of a load causing the torsion, the front gib portion 4e is automatically returned into its mid-central original position. Due to this elastic suspension of the front gib portion 4e, the latter is in a position, during the mode of operation of the hand-held device, to adapt to different lateral inclinations of the substrate surface, without the person using the device having to pay special attention to the different inclinations. Thereby, it is not only the pressure of the front gib portion 4e against the substrate, especially its pressure over the

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surface, that is improved or a pressure over the surface is ensured also in the event of different inclinations of the substrate surface, but also the handling of the hand-held device during the mode of operation is facilitated. The horizontal degree of freedom is identified by 23b, and the degree of torsion freedom by 23c.

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There are at least two stops A, B corresponding with each other that are provided for bordering at least one degree of freedom. The stops are associated each with one of the two gib portions 4d, 4e and are integrally formed therewith. Depending on the direction of movement in which which degree of freedom is supposed to be bordered by one pair of stops A, B, the latter are to be mounted. In order to border all degrees of freedom by pairs of stops A, B, one pair of stops A, B is required in the upper area of the gib portions 4d, 4e for bordering an upward movement, one pair of stops A, B is required in the lower area of the gib portions 4d, 4e for bordering a downward movement, one pair of stops A, B is required in each lateral area of the gib portions 4d, 4e for bordering the appertaining lateral movement and one pair of stops A, B is required for bordering a torsion movement 23c.

The dimension of the movement of the degree of freedom depends on the axial distance d of the stops A, B from each other. Thus, the respective movement of the degree of freedom can be specifically dimensioned and limited by the stops A, B. The smaller the axial distance of the stops A, B from each other, the more the stops A, B constitute sliding surfaces for a rotational or torsion joint pivotal about the remaining cross-section 25, with the front gib portion 4e being supported so as to slide at the rear gib portion 4d, whereby not only the torsion movement in a plane of movement running at right angles to the central axis 4c is defined but the torsion movement is specifically guided on account of the guidance at the rear gib portion 4d.

The axial width of the cross-sectional reduction 20 or the axial distance d between the stops A, B in the neutral rest position of the front gib portion 4e can be 2mm or less or also only 1mm or less for a pitch and/or lateral movement of the front gib portion 4e depending on the movement required. In the event that only a torsion movement is desired, the axial distance d can correspond to a sliding clearance only and be e.g. only a few tenths of a mm.

In the exemplary embodiment, the cross-sectional reduction 20 extends preferably in the mid-central longitudinal area transversely through the guiding webs 21, so that their guiding web portions 21a, 21b facing each other constitute support surface 24a, 24b representing the stops A, B. The cross-sectional reduction 20 extends preferably also in the area of the application gib 4a, so that the remaining cross-section 25 has a cross-

sectional surface which is smaller than the cross-sectional surface of the application gib 4a. The cross-sectional shape of the remaining cross-section 25 can be e.g. round, as shown in Fig. 3. The vertical dimension of the remaining cross-section 25 can correspond to the vertical dimension of the application gib 4a.

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In the exemplary embodiment, the stops A, B are thus mounted at support parts, here at the guiding webs 21, which protrude transversely from the application gib 4a. Leverage lengths e result therefrom, so that a load having the effect of tensile stress is exerted on the remaining cross-section 25 in a vertically or horizontally directed end position of movement and under continued bending stress in the area of the remaining cross-section 25.

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In Figs. 2 and 3, stops A, B limiting a torsion movement 23c are formed at material lugs 4g, 4h are formed at the side walls of the rear and front gib portions 4d, 4e, which exceed over the support surfaces 24a, 24b and overlap each other at the distance d1 directed towards the peripheral direction. The angle of torsion can be e.g. approximately  $\pm 5^\circ$ , from the stress-relieved central position.

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In the exemplary embodiments according to Figs. 5 to 7, in which identical parts are referred to by identical reference numbers, an anchoring device of how the application member 4 is anchored in the housing 2 is represented, which will be briefly described in the following.

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In the exemplary embodiments according to Figs. 5 to 7, the respective application member 4 is designed so as to be suitable for a hand-held device in which the planes of rotation of the take-up spool 13 and the supply spool 14 run in parallel to the application edge 4b. That is to say that in said exemplary embodiments the application member 4 with its application edge 4b is arranged to be distorted by  $90^\circ$  with respect to the central axis 4c. This is true also for the anchoring device 31. Such a type of construction of a present hand-held device is described, for instance, in EP 0 551 522 B1. In order to avoid repetitions, full reference is made to the description and the drawings of said printed publication.

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In the exemplary embodiment according to Fig. 5, the guiding webs 21 are e.g. slightly tapered, extended, towards the interior, so that they extend into the housing 2. The cross-sectional shape of the remaining cross-section 25 is designed to be longish in the horizontal direction, whereby the vertical dimension of the remaining cross-section 25 can correspond to the thickness of the application gib 4a. The lateral convex rounded

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form of the remaining cross-section 25 has proved to be an advantage and has been maintained in comparison with the remaining cross-section 25 according to Fig. 3.

It is a further difference over the configuration according to Figs. 1 to 4 that the cross-sectional reduction or the slot 24 starting at a distance from the outer lateral surfaces of the guiding webs 21 are formed divergently to the interior. Thereby, free spaces 24c have been created, which simplify, among other things, the removing of the application member 4 preferably formed as a die-cast part from the mould.

10 In the exemplary embodiment according to Figs. 1 to 4 and in the exemplary embodiment according to Fig. 5, the respective front end portion of the application gib 4a is formed as elastically bendable applicator lip 4f, whose strength is dimensioned to be large enough to be elastically bendable outwards under the pressure to be exerted on the substrate 8 manually under normal conditions of usage. In the exemplary  
15 embodiment, the thickness  $f$  of the applicator lip 4f is dimensioned to be smaller than the thickness of the application gib 4a, whereby it is preferably offset towards the bottom and is tapered with respect to the application gib 4a by a recess on top. As is revealed particularly by Fig. 2, the application edge 4d can be formed by a preferably partially cylindrically rounded portion whose radius  $r$  conforms approximately to the  
20 thickness  $f$  of the applicator lip 4f or can be larger, as shown in Fig. 2. In the exemplary embodiment, the applicator lip 4f extends in the area of length  $c$ , so that it projects from the front end of the guiding webs 21.

The anchoring device 31 is formed by a form-fit effective plug-in socket 32 with at  
25 least one plug-in recess, by which the application member 4 can be plugged onto at least one plug-in pin at the appertaining part of the housing transversely to the plane of the application edge 4d. In the exemplary embodiment, two lateral plug-in recesses 33, 34 are formed at the application member 4a or lateral material lugs 35, 36. The one  
30 plug-in recess 33 is formed by a plug-in hole in a formed jack in the exemplary embodiment. The other plug-in recess 34 is formed by a laterally open groove in the appertaining material lug 36. The latter is positioned between two housing halves in a form-fit fashion in a direction transversely to the longitudinal plane of the application member 4 containing the application edge 4b.

35 In the exemplary embodiment according to Fig. 6, the cross-sectional reduction 20 or two lateral slots 24 also extend transversely to the central axis 4c, whereby they extend backwards in an angular fashion on both sides of the remaining cross-section 25. As a result thereof, free spaces 24d are available between the remaining cross-section 25 and the guiding webs 21, which improve the flexibility of the front gib portion 4e in a

lateral direction. This additional degree of freedom is identified by 23d. Even in this embodiment, the cross-sectional reduction 20 can be formed by a relatively thin slot 24, which extends in an angular fashion on both sides of the remaining cross-section 25 - seen in a top view.

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- The cross-sectional reduction 20 can also extend at the front end of the guiding webs 21, as shown in Fig. 6. It can be favourable to a stabilisation of the front gib portion 4e to reinforce the latter by a transversely extending bead 42, which is preferably provided on top. For further reinforcement, the remaining cross-section 25 can be stabilised between the free spaces 24d by a longitudinal web 43 on top, which
- 10 preferably turns into the bead 42. For further stabilisation, the guiding webs 21 can be designed to be divergent towards the back, in particular divergent in a wedge-shaped fashion.
- 15 The latter is provided for also in the exemplary embodiment according to Fig. 7. In addition, said configuration differs from Fig. 5 in that the cross-sectional reduction 20 or two lateral slots 24 directed towards each other terminate inside into preferably round slot extensions 24e.
- 20 The housing 2 or the housing parts 2a, 2b, the reel 12, 13 and the application member 4 are preferably injection moulded parts, especially made of plastic material, which ensure simple and inexpensive manufacture also in case of complicated shapes.



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P25241EP

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Claims

1. A hand-held device (1) for transferring a film (F) of for example adhesive,  
covering or coloured material onto a substrate (8),  
15 said device having a housing (2) accommodating a film supply  
and an application member (4) longitudinally projecting from said housing (2),  
with said film (F) extending from the supply (9) at the lower longitudinal side  
(11a) of the application member (4) facing the substrate (8) during the mode of  
operation to an application edge (4b) of said application member (4) running  
20 transversely at the front end,  
and the application member (4) consisting of at least two application member  
portions (4d, 4e) movable relative to each other,  
**characterised in**

25 that motion stops (A, B) corresponding with each other are arranged at said  
application member portions (4d, 4e), said stops bordering the relative  
movement between said application member portions (4d, 4e).

2. A hand-held device as claimed in claim 1,  
**characterised in**

30 that at least one pair of stops is provided, whose stops (A, B) are placed at an  
axial distance (d) from one other and/or at least one pair of stops is provided,  
whose stops (A, B) are at a distance (d1) from each other directed towards the  
peripheral direction.

- 35 3. A hand-held device as claimed in claim 1 or 2,  
**characterised in**

that at least one pair of stops whose stops (A, B) correspond with each other is  
provided at the upper side or also at the bottom side and/or within the area of  
each side surface of the application member (4).

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4. A hand-held device as claimed in anyone of the preceding claims,  
**characterised in**  
that a cross-sectional reduction (20) is provided between the application member  
portions (4d, 4e).
5. A hand-held device as claimed in claim 4,  
**characterised in**  
that said cross-sectional reduction (20) is constituted by a gap.
6. A hand-held device as claimed in claim 5,  
**characterised in**  
that the axial width of said gap is less than 2mm, in particular less than about 1  
mm.
7. A hand-held device as claimed in anyone of the preceding claims,  
**characterised in**  
that the remaining cross-section (25) of the cross-sectional reduction (20) is at a  
coaxial position.
8. A hand-held device as claimed in anyone of the preceding claims,  
**characterised in**  
that the application member portions (4d, 4e) are formed by flat gibs placed one  
behind the other, at both sides of which lateral webs (21) protruding upwards  
and/or downwards are provided.
9. A hand-held device as claimed in claim 8,  
**characterised in**  
that the cross-sectional reduction (20) is provided only in said lateral webs (21)  
or also extends into the cross-sectional portion of the application member (4)  
particularly from the sides.
10. A hand-held device as claimed in claim 8 or 9,  
**characterised in**  
that the stops (A, B) are formed by the upper and/or lower borders and/or the  
lateral borders of the lateral webs (21).

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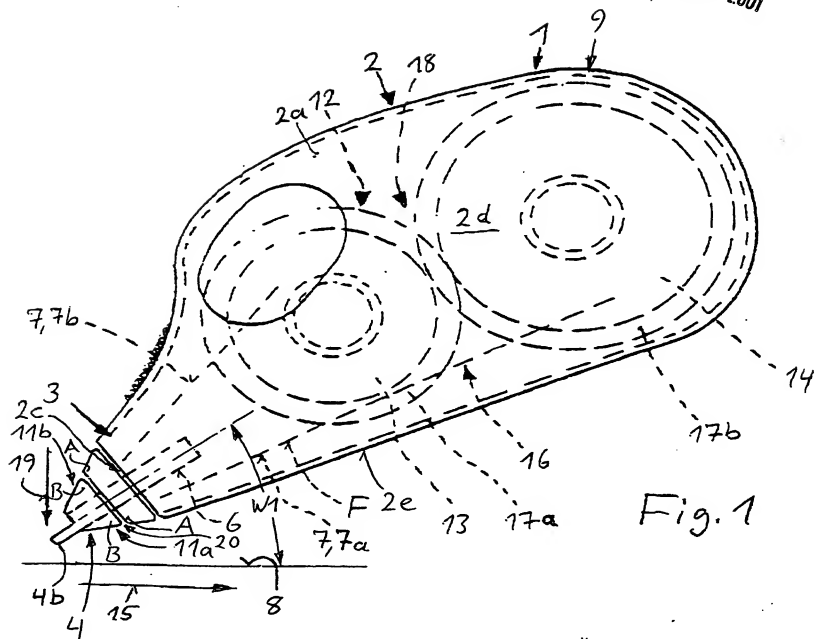
**Abstract**

10 The invention relates to a hand-held device (1) for transferring a film of for example  
adhesive, covering or coloured material onto a substrate (8), said device having a  
housing (2) accommodating a film supply and an application member (4) longitudinally  
projecting from said housing (2), with said film (F) extending from the supply (9) at the  
lower longitudinal side (11a) of the application member (4) facing the substrate (8)  
15 during the mode of operation to an application edge (4b) of said application member (4)  
running transversely at the front end, and with the application member (4) being  
composed of two application member portions movable relative to each other. In order  
to enhance the movability of the hand-held device, the relative movement is limited by  
motion stops (A, B) provided as an integral part at the application member portions.

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(Fig. 1 )

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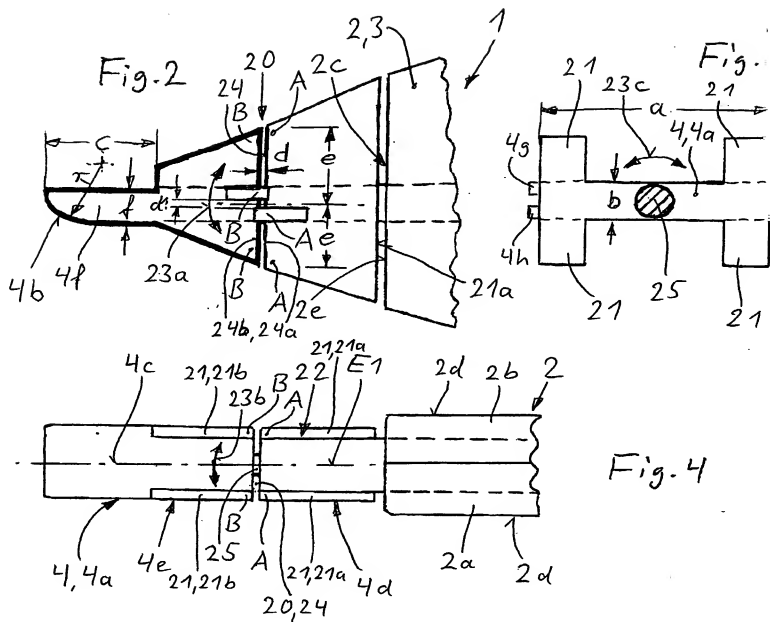
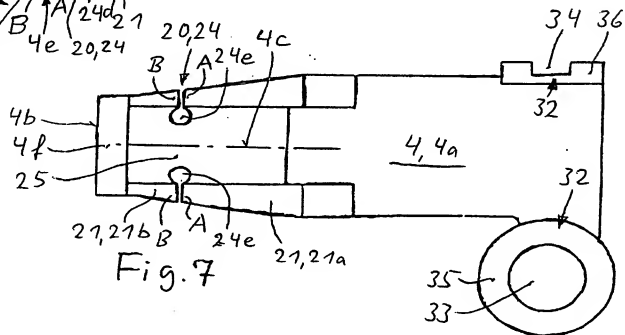
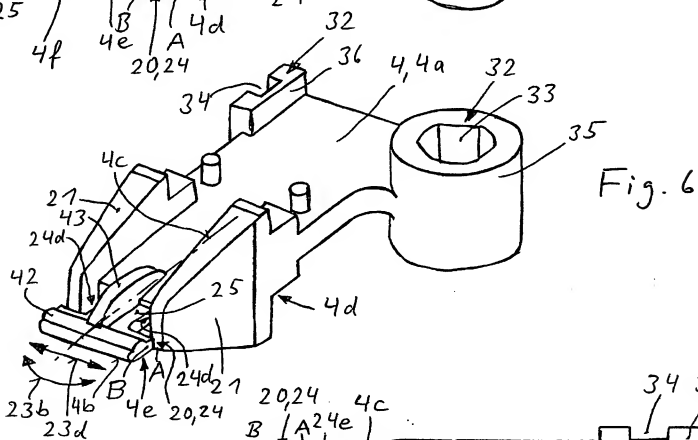
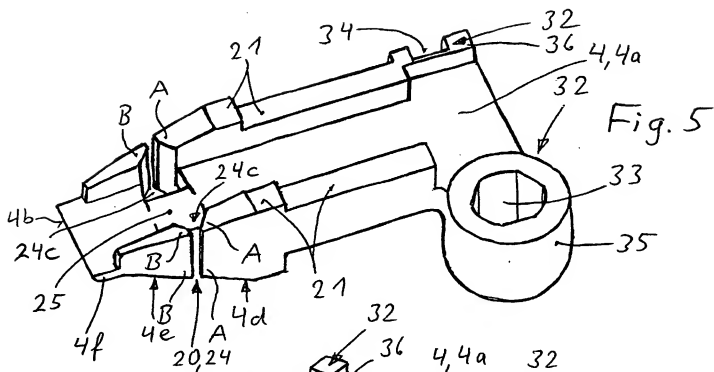


Fig. 4



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